

Anti-NGF Antibody-HRP (8T719)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	HRP
Clone:	8T719
Purification:	Protein A

Applications

Application:	ELISA
Recommended	ELISA: 0.1-1 µg/ml

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free. Keep away from direct sunlight.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human NGF / NGFB / beta-NGF Protein (TMPY-01010)
Antigen Species:	Human
Synonyms:	nerve growth factor (β polypeptide);Ngfb;nerve growth factor (beta polypeptide)

Research Background

Nerve growth factor (NGF) is important for the development and maintenance of the sympathetic and sensory nervous systems. NGF protein was identified as a large complex consisting of three non-covalently linked subunits, α, β, and γ, among which, the β subunit, called β-NGF (beta-NGF), was demonstrated to exhibit the growth-stimulating activity of NGF protein. NGFB/beta-NGF gene is a member of the NGF-beta family and encodes a secreted protein that homodimerizes and is incorporated into a larger complex. NGF protein acts via at least two receptors on the surface of cells (TrkA and p75 receptors) to regulate neuronal survival, promote neurite outgrowth, and up-regulate certain neuronal functions such as mediation of pain and inflammation. Also, previous studies indicated that NGF may also have an important role in the regulation of the immune system.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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